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STSK001LB	Bridge bar Securicom System with Loop - Black
STSK001LG	Bridge bar Securicom System with Loop - Grey
STSK002LB	Surface mounted Securicom System with Loop - Black
STSK002LG	Surface mounted Securicom System with Loop - Grey
STSK003LB	Flush mounted Securicom System with Loop - Black
STSK003LG	Flush mounted Securicom System with Loop - Grey
ILPL20	Portable Infoloop System
STSA30	A30 Audio Amplifier
STS-SU1-B	Staff Unit - Black
STS-M56-B	Flush Microphone - Black
STS-S61-B	Flush Speaker - Black

PVS

Product Name	Bridge Bar Securicom System with Loop – Black	Issue
Product Code	STS-K001L-B	2.0
		30/03/10

Introduction

Two-way Bridge Bar intercom system designed to aid communication between customers and staff where normal speech is impaired by use of glass, security screens or similar barriers. This Securicom system includes an induction loop facility which is built into the system for users of hearing aids, helping with compliance with the Disability Discrimination Act 1995. (Label colours may vary)

Kit comprises of : STS-B80 Bridge Bar, STS-SU1 Staff Unit, Amp, Power Supply, Aerial,
Mounting Bracket, Induction Loop Label, Instruction Manual,
And Kit of Ancillary parts.

Description

Dimensions	Boxed – 750mm wide x 290mm deep x 130mm high
Weight	4.25Kg
Construction	Mild Steel
Finish	Powdercoated to Black Interpon BN309E Textured

Installation Requirements

For Bridge Bar details see specification sheet ref: STS-B80-B
For Staff Unit details see specification sheet ref: STS-SU1-B

FOR INTERNAL USE ONLY

Standards

CE RoHS Compliant WEEE Compliant

BS EN 60118-4 AFILS, when induction loop correctly installed
CE approvals for relevant components (Please see individual component specifications)

Product Name	Bridge Bar Securicom System with Loop – Grey	Issue
Product Code	STS-K001L-G	1.0
		26 Feb 08

Introduction

Two-way Bridge Bar intercom system designed to aid communication between customers and staff where normal speech is impaired by use of glass, security screens or similar barriers. This Securicom system includes an induction loop facility which is built into the system for users of hearing aids, helping with compliance with the Disability Discrimination Act 1995.

Kit comprises of : STS-B80-G Bridge Bar, STS-SU1-G Staff Unit, Amp, Power Supply, Aerial,
Mounting Bracket, Induction Loop Label, Instruction Manual,
And Kit of Ancillary parts.

Description

Dimensions	Boxed – 750mm wide x 290mm deep x 130mm high
Weight	4.25Kg
Construction	Mild Steel
Finish	Powder coat – Grey BS 00 A0 5 Leatherette

Installation Requirements

Standards

n/a

Contacta has a policy of continuous product development, therefore small specification changes may not be reflected in these specifications

Product Name	Surface Mounted Securicom System with Loop - Black	Issue
Product Code	STS-K002L-B	2.0
		30/03/10

Introduction

Two-way Surface Mounted intercom system designed to aid communication between customers and staff where normal speech is impaired by use of glass, security screens or similar barriers. This Securicom system includes an induction loop facility which is built into the system for users of hearing aids, helping with compliance with the Disability Discrimination Act 1995.

Kit comprises of : STS-M54-B Surface Mic and STS-S60-B Speaker, STS-SU1-B Staff Unit, Amp, Power Supply, Aerial, Mounting Bracket, Induction Loop Label, Instruction Manual and Kit of Ancillary parts.

Description

Dimensions	Boxed - 445mm wide x 370mm deep x 120mm high
Weight	Boxed - 3.15kg
Construction	Mild Steel
Finish	Powder coat – Black Textured Interpon BM309E

Installation Requirements

For Surface Speaker details see specification sheet ref: STS-S60-B
For Staff Unit details see specification sheet ref: STS-SU1-B
For Surface Mic details see specification sheet ref: STS-M54-B

FOR INTERNAL USE ONLY

Standards

CE RoHS Compliant WEEE Compliant Designed to meet IP54 (Customer Side Only)

BS EN 60118-4 AFILS, when induction loop correctly installed
CE approvals for relevant components (Please see individual component specifications)

Product Name	Surface Mounted Securicom System with Loop - Grey	Issue
Product Code	STS-K002L-G	1.0
		26 Feb 08

Introduction

Two-way Surface Mounted intercom system designed to aid communication between customers and staff where normal speech is impaired by use of glass, security screens or similar barriers. This Securicom system includes an induction loop facility which is built into the system for users of hearing aids, helping with compliance with the Disability Discrimination Act 1995.

Kit comprises of :

- **STS-M54-G** Surface Mic and **STS-S60-G** Speaker
- **STS-SU1-G** Staff Unit
- **STS-A30** Amplifier
- **STS-P55** Power Supply
- **IL-AE95** Induction loop Aerial
- Ancillary Parts (induction loop aerial fixing kit, signage, Manual and power supply mounting bracket)

Description

Dimensions	Boxed - 445mm wide x 370mm deep x 120mm high
Weight	Boxed - 3.15kg
Construction	Mild Steel
Finish	Powder coat – Grey BS 00 A0 5 Leatherette

Installation Requirements

IL-AE95 aerial must not be near any ferrous metal.
13A Standard Plug socket must be located within 1m from the installed amplifier.

Standards

Meets "BS EN 60118-4 AFILS" (Audio Frequency Induction Loop Systems)
(For further information on standards please see individual component specifications)

Contacta has a policy of continuous product development, therefore small specification changes may not be reflected in these specifications

Product Name	Flush Mounted Securicom System with Loop - Black	Issue
Product Code	STS-K003L-B	2.0
		30/03/10

Introduction

Two-way Flush Mounted intercom system designed to aid communication between customers and staff where normal speech is impaired by use of glass, security screens or similar barriers. This Securicom system includes an induction loop facility which is built into the system for users of hearing aids, helping with compliance with the Disability Discrimination Act 1995.

Kit comprises of : STS-M56-B Surface Mic and STS-S61-B Speaker, STS-SU1-B Staff Unit, Amp, Power Supply, Aerial, Mounting Bracket, Induction Loop Label, Instruction Manual and Kit of Ancillary parts.

Description

Dimensions	Boxed - 445mm wide x 370mm deep x 120mm high
Weight	Boxed - 2.70kg
Construction	Mild Steel
Finish	Powder coat – Black Textured Interpon BM309E

Installation Requirements

For Flush Speaker details see specification sheet ref: STS-S61-B
For Staff Unit details see specification sheet ref: STS-SU1-B
For Flush Mic details see specification sheet ref: STS-M56-B

FOR INTERNAL USE ONLY

Standards

CE RoHS Compliant WEEE Compliant

BS EN 60118-4 AFILS, when induction loop correctly installed
CE approvals for relevant components (Please see individual component specifications)

Product Name	Flush Mounted Securicom System with Loop - Grey	Issue
Product Code	STS-K003L-G	1.0
		26 Feb 08

Introduction

Two-way Flush Mounted intercom system designed to aid communication between customers and staff where normal speech is impaired by use of glass, security screens or similar barriers. This Securicom system includes an induction loop facility which is built into the system for users of hearing aids, helping with compliance with the Disability Discrimination Act 1995.

Kit comprises of : STS-M56-G Surface Mic and STS-S61-G Speaker, STS-SU1-G Staff Unit, Amp, Power Supply, Aerial, Mounting Bracket, Induction Loop Label, Instruction Manual and Kit of Ancillary parts.

Description

Dimensions	Boxed - 445mm wide x 370mm deep x 120mm high
Weight	Boxed - 2.70kg
Construction	Mild Steel
Finish	Powder coat – Grey BS 00 A0 5 Leatherette

Installation Requirements

Standards

Contacta has a policy of continuous product development, therefore small specification changes may not be reflected in these specifications

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CI/SfB (64.38)
April 2004

contacta

Portable InfoLoop™

Description

Contacta Portable InfoLoop™ offers versatile, desktop assistance for hearing aid wearers. The single control unit, constructed in robust ABS plastic, incorporates microphone, amplifier, induction loop aerial and rechargeable battery system.

The Power Supply Unit connects to any convenient mains outlet to re-charge the Portable InfoLoop™.

A range of accessories ensures convenience and flexibility in use. These include:

- External microphone
- Carrying cases
- SCART connection lead
- Wall-mounted charging unit

(See over for full listing and component specifications)

The microprocessor-controlled Portable InfoLoop™ features the latest induction loop technology with automatic gain control, noise 'gating' to improve reception of speech and automatic standby mode to conserve battery life

Applications

Contacta Portable InfoLoop™ can be used on a one-to-one basis or in meeting room locations. The electro-magnetic field extends to a maximum of 1.2m.

The unit may be positioned wherever is most convenient, and may even be used outdoors.

Operation

If charged, the Portable InfoLoop™ is ready for immediate use. No installation works are required. An on/off switch and visual indicators denoting unit operation and battery charge state are mounted on the reverse of the unit.

Full operating instructions are supplied with the unit.

Supply

Portable InfoLoop™ and all accessories are available direct from Contacta Limited.

Technical support

Contacta offers comprehensive technical support for all its systems, including:

- Advice via telephone helpline, fax or email
- On-site visit by a Contacta Field Service Engineer
- Detailed installation and service manuals supplied with every system

Customers have access to continuous help and support, technical or administrative, through the Contacta Helpline.

InfoLoop™

Component specifications

Portable InfoLoop™ comprises control unit, power supply unit, and a range of accessories to meet all application requirements.

PL20 Portable InfoLoop

- Incorporates microphone, amplifier, induction loop aerial and rechargeable battery system
- On/Off switch and dual colour LED light on reverse
- Flashing green light indicates when the unit is receiving speech or other sound
- Red flashing light indicates when the unit needs recharging
- Constant red light is illuminated during recharging

Physical Data

Height	*250mm*
Width	*275mm*
Depth	*110mm*
Weight	*1.6 kilo*

Electrical Data

Battery life	*Approx. 8 hrs*
Microphone	*2-wire electret cardoid*

Connections

Microphone	*3.5mm jack socket*
Power	*2.1mm DC socket*

Controls

Power on	*Slide switch*

P42 Power Supply Unit

- Connects to any convenient mains outlet for 12v DC supply

Physical Data

Height	*60mm*
Width	*50.5mm*
Depth	*46.5mm*
Weight	*440 grams*

Electrical Data

Output voltage
12vDC (unregulated)

FM 36903

ogcbuyingsolutions
Contacta is a government approved supplier.

Optional accessories

PL21 External Boundary Microphone

- Designed for placing directly onto the surface of a desk or counter
- Supplied with 3 metre lead for connection to system amplifier
- Ideal for discussions involving numerous people

Physical Data

Length	*3 metres O/A*
Dims	*39 x 16.4mm*
Weight	*72 grams*

Electrical Data

Type
2-wire electret
Impedance
1 k
Sensitivity
-48dB +/- 3dB@1 KHz (0dB = 1 volt per Pa)
Frequency response
50 Hz to 18 Hz pattern half cardioid
S/N ratio
64dB (A)
Max SPL
120dB 1% THD
Power
1 to 9v DC optimum 4.5v

PL22 SCART Connection Lead

- For direct connection to a television
- Allows hearing aid users to listen to television independently of the volume control on the television set
- The volume control of the television can therefore be turned down so that it does not disturb anyone else

Physical Data

Length	*5 metres (overall)*
Weight	*65 grams*

Electrical Data

Type
Pasive audio

PL23 SCART/Microphone Adaptor Box and Lead

- Plugs directly into InfoLoop™ and allows 2 no. external input leads to be used together (PL21/PL22)
- Allows hearing aid users to listen to TV or Hi-Fi independently of the volume control on the TV set or Hi-Fi unit and use the other channel to accept a signal from a microphone that can be balanced using the control provided
- The TV or Hi-Fi can therefore be listened to whilst monitoring another area with a microphone

Physical Data

Length	*680mm (overall)*
Weight	*68 grams*

Electrical Data

Type
Passive audio

PL24 Hard Carrying Case

- Solid, protective case for Portable InfoLoop™ and power supply unit

Physical Data

Height	*300mm*
Width	*350mm*
Depth	*120mm*
Weight	*887 grams*

PL25 Soft Carrying Case

- Lightweight, protective case for Portable InfoLoop™ and power supply unit
- Includes integral shoulder strap

Physical Data

Height	*280mm*
Width	*380mm*
Depth	*70mm*
Weight	*314 grams*

PL26 Charging Station

- Ideal storage unit for Portable InfoLoop™
- Portable InfoLoop™ may be left on shelf, on charge*, ready for use anytime

Physical Data

Height	*206mm*
Width	*316mm*
Depth	*152mm*
Weight	*693 grams*

**Once charged, battery maintains a float charge*

Other Contacta InfoLoop™ systems

Contacta offers reliable and cost effective systems for all situations:

- **Mini InfoLoop™**
  For counters, booths, desks and similar applications
- **Clipboard InfoLoop™**
  The "go anywhere" solution for interviews, home visits and restaurants
- **Maxi InfoLoop™**
  A permanent system to suit any area, from rooms to auditoria

PT APR/04

Product Name	**A30 Audio Amplifier**	**Issue**
Product Code	**STS-A30**	1.1
		23 Jun 08

Introduction

The STS-A30 audio amplifier is part of the STS Counter Audio System range which provides full open duplex communication where security screens or partitions are used. An induction loop driver for hearing aids is additionally provided.

The speech transfer system additionally provides a call tone generator and a microprocessor controlled system to reduce acoustic feedback ("howling"). This may be switched off if not required.

The amplifier is provided with a power switch and volume controls for both channels. The compact nature of the unit allows it to be installed where easy access to the controls is possible. A power indication is provided.

The STS-A30 amplifier may be used in conjunction with any of the STS range of speaker and microphone modules.

Description

Dimensions	90mm x 50mm x 110mm
Weight	320g
Construction	Mild Steel
Finish	Powdercoated Grey RAL 9006

Electrical Specification

Supply voltage: 12-14 VDC, Quiescent current: 190mA typical
Operating current: 2A typical peak, depends on usage
Microphones (1 or 2 per channel): Electret, supply 4.5V via 2.2KΩ provided
Output power, RMS: 2.5W / 8Ω, 4.4W / 4Ω, 9W / 2Ω
Total harmonic distortion: <5% (loop and audio)
Call tone frequency: Typically 650Hz
Loop field strength: Complies with IEC60118-4 in installation
Loop: Typically 150µH + 4Ω
Power indication: LED
Reverse polarity protection: Provided
Thermal protection: Provided, self-resetting
Complies with relevant CE standards

Controls
Power switch: Push on - push off
Staff volume control: Rotary Potentiometer
Customer volume control: Rotary Potentiometer
Feedback suppression: Enabled by slide switch

Connections
Microphones, speakers, and loop: Screw terminal plugs
Power: 2.1mm DC power jack, centre positive

Standards

The amplifier meets the following standards:
EN 55103:1996-1,
EN 55022: 1998, A1, A2,
EN 55103-2:1996,
EN 61000-4-2: 1995, A1, A2
EN 61000-4-3: 2006

Loop field strength: Complies with IEC60118-4 in installation
Power supply unit: Complies with local regulations in the region of usage.

Contacta has a policy of continuous product development, therefore small specification changes may not be reflected in these specifications

Product Name	Staff Unit - Black	Issue
Product Code	STS-SU1-B	1.0
		02 SEP 08

Introduction

The STS-SU1 staff unit is a combined speaker and microphone module which forms part of a SecuriCom through the glass communication system and is installed on the staff side of the glass.

The unit comprises of a single 4 ohm speaker and a semi rigid goose neck microphone and fitted with a mute switch to isolate the customer microphone input. The unit is free standing enabling the user to select the appropriate positioning on the counter.

Termination is via a two cables braided together, one for the speaker and one for the microphone both with twin green terminal connectors ready for push connection onto the STS-A30 amplifier.

Description

Dimensions	100mm wide x 160mm deep x 70mm high
Weight	0.85kg
Construction	Mild Steel
Finish	Powdercoated to Grey BS 00 A 05 Leatherette

Speaker Details

RMS	5W
Impedance	4Ω
Output SPL 1W @ 1M	85dB
Frequency Response 150Hz - 10300Hz	

Installation Requirements

Standards

RoHS Compliant

Contacta has a policy of continuous product development, therefore small specification changes may not be reflected in these specifications

Product Name	Flush Microphone - Black	Issue
Product Code	STS-M56-B	1.0
		27 Feb 08

Introduction

This flush microphone forms part of a Securicom Surface mounted through the glass communication system and is installed on the customer side of the glass. Termination is via a single cable with a green connector ready for a push connection onto the STS-A30 amplifier..

Description

Dimensions	
Weight	0.18kg
Construction	Mild Steel - speaker panel
Finish	Powder coat to Grey Leatherette BS 00 A0 5

Installation Requirements

Fixing via mounting holes in speaker panel

Standards

n/a

Contacta has a policy of continuous product development, therefore small specification changes may not be reflected in these specifications

Product Name	Flush Speaker - Black	Issue
Product Code	STS-S61-B	1.0
		08 Sep 08

Introduction

This flush speaker forms part of a Securicom Surface mounted through the glass communication system and is installed on the customer side of the glass. Termination is via a single cable with a green connector ready for a push connection onto the STS-A30 amplifier..

Description

Dimensions	65mm wide x 120mm deep x 50mm high
Weight	0.45kg
Construction	Mild Steel - speaker panel, Zintec - case
Finish	Powder coat to Grey Leatherette BS 00 A0 5

Speaker Details

RMS	5W
Impedance	4Ω
Output SPL 1W @ 1M	85dB
Frequency Response 150Hz - 10300Hz	

Installation Requirements

Fixing via mounting holes in speaker panel

Standards

RoHS Compliant

Contacta has a policy of continuous product development, therefore small specification changes may not be reflected in these specifications